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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of : J.H. Kim et. al.  
Serial number : 10/699,120  
Filed : Oct. 31, 2003  
For : Facilitated Transport Membranes Comprising Porous Supported  
Membranes and Solid Polymer Electrolytes Consisting of a  
Transition Metal Salt and a Polymer Having Double Carbon Bonds

December 7, 2003

SUBMISSION UNDER 37 CFR 1.99

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

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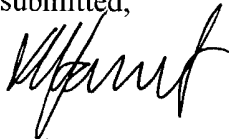
The following is submitted for consideration by the Office in the above-captioned application:

1. Yang, J.S. and Hsiue, G.H, "Novel dry poly[(1-trimethylsilyl)-propyne] - AgClO<sub>4</sub> complex membranes for olefin/paraffin separations," Journal of Membrane Science, 120, 69-76 (1996).

A copy of the article is enclosed.

A check for \$180, as set forth in 37 CFR 1.17(p), is also enclosed.

Respectfully submitted,

  
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 7, 2004, and that a true copy thereof has been deposited with the United States Postal Services as first class mail in an envelope addressed to: Jones Day, 222 East 41<sup>st</sup> St. New York, NY 10017.

(Date of Deposit) 12/7/2004

Janet Farrant *Janet Farrant*